

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Zagoskin, Alexandre M.  
Assignee: D-Wave Systems, Inc.  
Title: PERMANENT READOUT SUPERCONDUCTING QUBIT  
Serial No.: 09/452,749 Filed: December 1, 1999  
Examiner: Not Assigned Group Art Unit: 1751  
Docket No.: M-7971 US

San Jose, California  
January 20, 2000

BOX MISSING PARTS  
ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF  
APPLICATION - FILING DATE GRANTED**

Dear Sir:

In response to the "Notice to File Missing Parts of Application - Filing Date Granted" mailed by the United States Patent and Trademark Office on January 14, 2000, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A declaration signed by the inventors in compliance with 37 CFR 1.63;
2. Verified Statement Claiming Small Entity Status -- Small Business Concern;  
and
3. Copy of Notice to File Missing Parts of Application - Filing Date Granted.

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account No. 19-2386:

- |   |          |
|---|----------|
| 1. Surcharge for filing declaration on a date later than the<br>filing date of the application. | \$ 65.00 |
| 3. TOTAL FEES:  | \$ 65.00 |

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2386.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above patent application and justify the filing date of December 1, 1999. Please telephone the undersigned at (408) 453-9200, if there are any questions. This form is being submitted in duplicate.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, D.C. 20231, on January 20, 2000.

*David T. Millers*

Attorney for Applicant

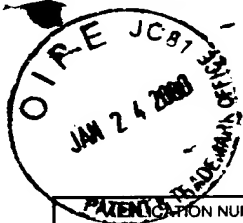
*1-20-00*

Date of Signature

Respectfully submitted,

*David T. Millers*

David T. Millers  
Attorney for Applicant  
Reg. No. 37,396



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS,  
Washington, D.C. 20231

*See for*

PATENT APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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DATE MAILED:

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a  
☐ small entity (statement filed) ☒ non-small entity is \$ 130.00.

☐ 1. The statutory basic filing fee is:

- ☐ missing.  
☐ insufficient.

Applicant must submit \$\_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$\_\_\_\_\_ for \_\_\_\_\_ total claims over 20.  
\$\_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.  
\$\_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unsigned.  
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

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